



SMART SERIES, THREE PHASE AMPERE METER

Model No: SMART-V396 A

- **The Smart Series Three Phase Ampere Meter**
- **That Adopts Alternating Current Sampling Techniques.**
- **This enables it to measure Three Phase AC**
- **current in the grid with high accuracy, good**
- **sensitivity and excellent resistance to vibrations.**



INTRODUCTION

The device is easy to maintain and handle, easy to wire and very simple to install for the ease of user and only qualified person should be involved in the wiring and installation job of this over meter. Certain parts of the power meter does contain high voltage, improper handling therefore can cause serious injuries and device damage.

There are certain points that need to be taken into strict account as follow:

- Only use insulating tools.
- Do not connect when circuit is live.
- Place the device in only dry surroundings.
- Make sure that the wire used is suitable for the maximum current of this meter.
- Make sure the AC wires are connected correctly before activating the current / voltage to the meter.
- Do not drop or allow physical impact to the meter as the internal components are of high precision material as it may experience in an electric shock and may result in breakage and malfunction of the device.

TECHNICAL DATA

Accuracy Class	Class 0.5
Display Range	0.000 – 9999
Overload	Continuous 1.2 times
Instantaneous	Current 10times/5seconds
Nominal Input	AC Current 100V~600V
Power Consumption	Less than 2VA
Dielectric Strength	2kV/1min
Frequency	45-65 Hz

ENVIRONMENT

Working Temperature	-10 ~ 55 Degree Celsius
Storage Temperature	-25 ~ 70 Degree Celsius
Relative Humidity	Less than 93%, (No corrosive gas)
Elevation	Less than 2500m
Height	96mm
Width	96mm
Depth	80mm

CERTIFICATIONS

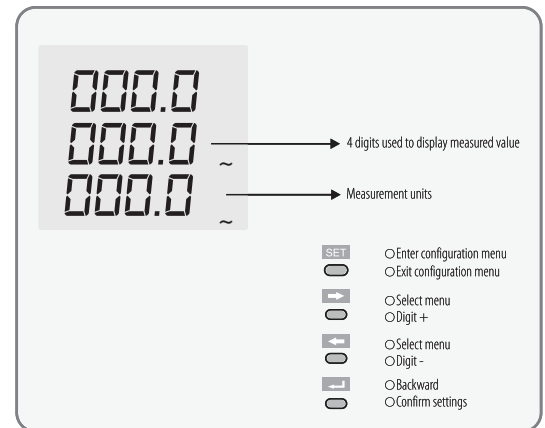
V396 – A complies with all the international standards which includes certification from standards such as EN-61326-1: 2013, EN 50470-1: 2006 and also confirm all the requirements of MI-003 of EC directive 2004/ 22/EC.

ELECTROMAGNETIC COMPATIBILITY

- ESD (Electro – Static Discharge): Level 4
- Electrical fast transient burst: Level 4



DIMENSIONS



WIRING DIAGRAM

